

ABSTRACT OF THE DISCLOSURE

Disclosed is a thermoplastic felt structure for an automobile interior substrate, comprising a pair of mat units, each mat unit having a felt layer which is made by a mixture of a jute fiber and a PP fiber mixed in the weight ratio of about 5 to 5 ~ 6 to 4 and a PP foaming fiber adhered to one side of the felt layer, said mat units being coupled each other on the other sides of the felt layers. With this configuration, a thermoplastic felt structure for an automobile interior substrate can prevent a deflection thereof, and have high strength and stiffness, heat-resistance and impact-resistance. Further, the present thermoplastic felt structure can decrease the cost of raw material, enhance the fuel efficiency with a lightweight body, and accomplish a simple manufacturing process.